# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

## AGENCY CONTRACT

## TRAFFIC SIGNAL PARTS & EQUIPMENT

CONTRACT # 94113087RFR
1/1/15 THROUGH 12/31/15

## ACTUATED CONTROLLERS, TERMINAL FACILITIES AND CABINETS

Four phase cabinet assembly pole mounted to include:

Eight phase solid state controller, Ethernet ready, must be compatible with MDOT's existing
Traffic Signal Management Software.
Eight position terminal facility
Detector panel
Laptop Tray
Dual LED lighting panels
50x30x17 pole mounted cabinet assembly
Twelve channel conflict monitor with LCD display
4) Flash transfer relays
4) NEMA load switches compatible with low wattage LED signals
4) Load switch arresters
NEMA flasher
1)  Five position detector rack with PS175 power supply

| | | VENDOR | EACH |
|---|---|---|---|
| 2) | Four channel EDI Series loop detector amplifier | | |
| 8) | Loop detector arresters | _1_ | _$7,091.00 |

Above assembly complete with closed loop communication added for the following
(Items listed below must be compatible with the above assembly):

| | VENDOR | EACH |
|---|---|---|
| FSK | _1_ | _$7,249.00 |
| Radio | _1_ | _$7,338.00 |
| Single Mode Fiber | _1_ | _$8,598.00 |
| Multi Mode Fiber | _1_ | _$7,598.00 |
| Ethernet | _1_ | _$7,385.00 |

Eight phase cabinet assembly pole mounted to include:

Eight phase solid state controller, Ethernet ready, must be compatible with MDOT's existing
Traffic Signal Management Software.
Twelve position terminal facility
Detector panel
Laptop Tray
Dual LED lighting panels
50x36x17 pole mounted cabinet assembly
Twelve channel conflict monitor with LCD display
4) Flash transfer relays
8) NEMA load switches compatible with low wattage LED signals
8) Load switch arresters
NEMA flasher
1)  Seven position detector rack with PS175 power supply

| | | | EACH |
|---|---|---|---|
| 4) | Four channel EDI Series loop detector amplifier | | |
| 16) | Loop detector arresters | _1_ | $8,571.00 |

Above assembly complete with closed loop communication added for the following (Items listed below must be compatible with the above assembly):

|  |  | **EACH** |
|---|---|---|
| FSK | _1_ | _$8,729.00 |
| Radio | _1_ | _$8,818.00 |
| Single Mode Fiber | _1_ | $10,078.00 |
| Multi Mode Fiber | _1_ | _$9,078.00 |
| Ethernet | _1_ | _$8,865.00 |

Eight phase cabinet assembly 56x44x25 base mounted with rear access door to include:

Eight phase solid state controller, Ethernet ready, must be compatible with MDOT's existing Traffic Signal Management Software.
Twelve position terminal facility
Detector panel
Laptop Tray
Dual LED lighting panels
56x44x25 base mounted cabinet assembly with backdoor and
Twelve channel conflict monitor with LCD display
4) Flash transfer relays
8) NEMA load switches compatible with low wattage LED signals
8) Load switch arresters
NEMA flasher
1) Seven position detector rack with PS175 power supply
4) Four channel EDI Series loop detector amplifier
16) Loop detector arresters

|  |  | **EACH** |
|---|---|---|
|  | _1_ | _$8,757.00 |

Above assembly complete with closed loop communication added for the following (Items listed below must be compatible with the above assembly):

| FSK | _1_ | _$8,915.00 |
|---|---|---|
| Radio | _1_ | _$8,999.00 |
| Single Mode Fiber | _1_ | $10,263.00 |
| Multi Mode Fiber | _1_ | _$9,263.00 |
| Ethernet | _1_ | _$9,049.00 |

Eight phase cabinet assembly 77x38x26 base mounted to include:

Eight phase solid state controller, Ethernet ready, must be compatible with MDOT's existing Traffic Signal Management Software.
Integrated Battery Backup System with Line Conditioning and External Generator Plug
Twelve position terminal facility
Detector panel
Laptop Tray
Dual LED lighting panels
77x38x26 base mounted cabinet assembly with external generator plug
Twelve channel conflict monitor with LCD display
4) Flash transfer relays
8) NEMA load switches compatible with low wattage LED signals
8) Load switch arresters

NEMA flasher
1)  Seven position detector rack with PS175 power supply
4)  Four channel EDI Series loop detector amplifier               **EACH**
16) Loop detector arresters                              ___1___       _$9,339.00

Above assembly complete with closed loop communication added for the following
(Items listed below must be compatible with the above assembly):

|  |  | **EACH** |
|---|---|---|
| FSK | ___1___ | _$9,497.00 |
| Radio | ___1___ | _$9,586.00 |
| Single Mode Fiber | ___1___ | $10,846.00 |
| Multi Mode Fiber | ___1___ | _$9,846.00 |
| Ethernet | ___1___ | _$9,633.00 |

Twelve phase cabinet assembly 56"x44"x27.5" base mounted with to include:

Eight phase solid state controller, Ethernet ready, must be compatible with MDOT's existing
Traffic Signal Management Software.
Sixteen position terminal facility
Detector panel
Laptop Tray
Dual LED lighting panels
56"x44"x27.5" base mounted cabinet assembly with backdoor
Sixteen channel conflict monitor with LCD display
6)  Flash transfer relays
12)  NEMA load switches compatible with low wattage LED signals
12)  Load switch arresters
NEMA flasher
1)  Seven position detector rack with PS175 power supply
6)  Four channel EDI Series loop detector amplifier              **EACH**
16) Loop detector arresters                              ___1___       $10,795.00

Above assembly complete with closed loop communication added for the following
(Items listed below must be compatible with the above assembly):

|  |  | **EACH** |
|---|---|---|
| FSK | ___1___ | $10,953.00 |
| Radio | ___1___ | $11,041.00 |
| Single Mode Fiber | ___1___ | $12,299.00 |
| Multi Mode Fiber | ___1___ | $11,299.00 |
| Ethernet | ___1___ | $11,088.00 |

Twelve phase cabinet assembly with integrated UPS system 57.875"x56.75"x 29.125" base mounted
with to include:

Eight phase solid state controller, Ethernet ready, must be compatible with MDOT's existing
Traffic Signal Management Software.
Integrated Battery Backup System with Line Conditioning and External Generator Plug
Sixteen position terminal facility
Detector panel
Laptop Tray
Dual LED lighting panels

57.875"x56.75"x 29.125" base mounted cabinet assembly with external generator plug
Sixteen channel conflict monitor with LCD display
6)  Flash transfer relays
12)  NEMA load switches compatible with low wattage LED signals
12)  Load switch arresters
NEMA flasher
1)  Seven position detector rack with PS175 power supply
6)  Four channel EDI Series loop detector amplifier          **EACH**
16) Loop detector arresters                    \_\_\_1\_\_\_    $16,459.00

Above assembly complete with closed loop communication added for the following
(Items listed below must be compatible with the above assembly):

|  |  | **EACH** |
|---|---|---|
| FSK | \_\_\_1\_\_\_ | $16,616.00 |
| Radio | \_\_\_1\_\_\_ | $16,705.00 |
| Single Mode Fiber | \_\_\_1\_\_\_ | $17,965.00 |
| Multi Mode Fiber | \_\_\_1\_\_\_ | $16,965.00 |
| Ethernet | \_\_\_1\_\_\_ | $16,752.00 |

Battery Backup System with Cabinet and External Generator Plug
        (See attached specification)

                                **EACH**
                    \_\_\_1\_\_\_    \_$4,460.00

Power Conditioning System
        (See attached specification)

                                **EACH**
                    \_\_\_1\_\_\_    \_$5,575.00


## ACTUATED CONTROLLERS (MUST BE COMPATIBLE WITH PAGES 1, 2, 3 and 4  CABINET ASSEMBLIES)

8 Phase Controller W/TBC, Co-ord, Pre-empt and Communication, Ethernet ready, must compatible
        with MDOT's existing Traffic Signal Management Software and able to communicate via
        FSK, Radio, Fiber and Ethernet.

                                **EACH**
                    \_\_\_1\_\_\_    \_$1,379.00

Closed Loop On Street Master Unit with Communication, must be compatible with MDOT's existing
        Traffic Signal Management Software, able to run Local Intersection, and be able to
        communicate via FSK, Radio, Fiber and Ethernet.

                                **EACH**
                    \_\_\_1\_\_\_    \_$2,799.00

## NEMA CONFLICT/VOLTAGE MONITORS (MUST BE COMPATIBLE WITH PAGES 1, 2, 3 and 4 CABINET ASSEMBLIES)

|  |  | EACH |
|---|---|---|
| NSM-12 12 Channel Monitor | __1__ | __$419.00 |
| SSM-12LE 12 Channel Monitor Enhanced | __1__ | __$557.00 |
| SSM-12LEC 12 Channel Monitor Enhanced with Comm. Port | __1__ | __$650.00 |
| MMU-16 LEip Conflict Monitor | __1__ | __$739.00 |

## LOOP DETECTOR AMPLIFIERS (STAND ALONE) (MUST BE COMPATIBLE WITH PAGES 1, 2, 3 and 4 CABINET ASSEMBLIES)

|  |  | EACH |
|---|---|---|
| Single Channel with Timing | _____ | _____ |
| Two Channel Detector with Timing | _____ | _____ |
| Four Channel Detector with Timing | _____ | _____ |

## LOOP DETECTOR AMPLIFIERS (CARD RACK) (MUST BE COMPATIBLE WITH PAGES 1, 2, 3 and 4 CABINET ASSEMBLIES)

|  |  | EACH |
|---|---|---|
| Power Supply, 175 watt | __1__ | __$152.00 |
| Two Channel Detector with Timing | _____ | _____ |
| Four Channel Detector with Timing | _____ | _____ |
| Four Channel Detector with LCD | __1__ | __$233.00 |
| Enhanced Loop Detector with Timing (see attached specs) | __1__ | __$599.00 |
| Three Space Card Rack (wired) | __1__ | __$239.00 |
| Four Space Card Rack (wired) | __1__ | __$259.00 |
| Five Space Card Rack (wired) | __1__ | __$289.00 |
| Six Space Card Rack (wired) | __1__ | __$305.00 |
| Seven Space Card Rack (wired) | __1__ | __$316.00 |

## LOOP DETECTOR ACCESSORIES (MUST BE COMPATIBLE WITH PAGES 1, 2, 3 and 4 CABINET ASSEMBLIES)

|  |  | EACH |
|---|---|---|
| Wireless Magnetometer Vehicle Detection System (see attached specs) |  |  |
|     Access Point/ Contact Closure |  |  |
|         Ethernet Communication | __1__ | _$2,566.00 |
|     Serial Port Protocol Digital Radios | __1__ | __$645.00 |
|     Repeater | __1__ | _$1,291.00 |
|     Replacement Battery for Repeater | __1__ | ___$75.00 |
|     Vehicle Sensor Node | __1__ | __$395.00 |
|     Vehicle Sensor Node (with Data) | __1__ | __$475.00 |
|     Dual Component Epoxy Applicator | __1__ | __$147.00 |
|     Epoxy Tube | __1__ | ___$59.00 |
|     Isolator Module | __1__ | __$335.00 |
|     4-Channel Extension Interface Card | __1__ | __$357.00 |
|     Data System Manager Server | __1__ | _$7,350.00 |
|     Input/Output Module | __1__ | __$129.00 |
| Micro Loop Probe | __1__ | __$179.00 |
| Micro Loop Probe Lead-in Cable | __1__ /LF | ___$0.39 |

## TRAFFIC SIGNAL HEADS AND LENSES (VENDORS BIDDING ON THIS SECTION MUST BID ON ALL ITEMS IN THIS SECTION. VENDOR WITH LOWEST CUMULATIVE PRICE FOR THIS ENTIRE SECTION WILL BE AWARDED CONTRACT FOR THIS ENTIRE SECTION)

**EACH**

LED Lenses (see attached specifications)

| | | |
|---|---|---|
| 12" Red Arrow "LED" Lens | __1__ | __$28.10 |
| 12" Yellow Arrow "LED" Lens | __1__ | __$29.25 |
| 12" Green Arrow "LED" Lens | __1__ | __$29.90 |
| 12" Circular Red "LED" Lens | __1__ | __$26.85 |
| 12" Circular Yellow "LED" Lens | __1__ | __$29.60 |
| 12" Circular Green "LED" Lens | __1__ | __$28.99 |
| 8" Circular Red "LED" Lens | __1__ | __$29.90 |
| 8" Circular Yellow "LED" Lens | __1__ | __$27.25 |
| 8" Circular Green "LED" Lens | __1__ | __$25.99 |

Traffic Signal Heads ***with backplates*** (see attached specifications), Polycarbonate, Black or Yellow, LED Lenses (see attached specifications), ***with attached visors***

| | | |
|---|---|---|
| 8" Three Section Traffic Signal Head (1-49) | __1__ | __$251.00 |
| 8" Three Section Traffic Signal Head (50-99) | __1__ | __$243.00 |
| 8" Three Section Traffic Signal Head (100+) | __1__ | __$236.00 |
| 12" Three Section Traffic Signal Head (1-49) | __1__ | __$252.00 |
| 12" Three Section Traffic Signal Head (50-99) | __1__ | __$244.00 |
| 12" Three Section Traffic Signal Head (100+) | __1__ | __$237.00 |
| 12" Three Section Traffic Signal Head with Three Arrows (1-49) __1__ | | __$240.00 |

Traffic Signal Heads, Aluminum, Black or Yellow, LED Lenses (see attached specifications), ***with attached visors***

| | | |
|---|---|---|
| 12" Three Section Traffic Signal Head (1-49) | __1__ | __$335.00 |
| 12" Three Section Traffic Signal Head (50-99) | __1__ | __$325.00 |
| 12" Three Section Traffic Signal Head (100+) | __1__ | __$307.00 |
| 12" Three Section Traffic Signal Head with Three Arrows (1-49) _1__ | | __$318.00 |

Backplates for Traffic Signals Heads(see attached spec.)

**EACH**

| | | |
|---|---|---|
| Three Section Traffic Signal | __1__ | __$42.00 |
| Four Section Traffic Signal, Type 3 | __1__ | __$99.00 |
| Four Section Traffic Signal, Stacked | __1__ | __$54.00 |
| Five Section Traffic Signal, Type 7 | __1__ | __$101.00 |

## PEDESTRIAN SIGNALS (see attached LED specification) VENDORS BIDDING ON THIS SECTION MUST BID ON ALL ITEMS IN THIS SECTION. VENDOR WITH LOWEST CUMULATIVE PRICE FOR THIS ENTIRE SECTION WILL BE AWARDED CONTRACT FOR THIS ENTIRE SECTION

**EACH**

| | | |
|---|---|---|
| 16" X 18" Ped Housing with LED insert, Aluminum, yellow or black, Countdown type, side of pole mount | __6__ | __$203.19 |
| 16" X 18" Ped Housing with LED insert, Aluminum, yellow or black, Countdown type, drilled for clamshell mount | __6__ | __$203.19 |

16" X 18" Ped Housing with LED insert, Polycarbonate, yellow or black,
        Countdown type, side of pole mount           \_\_6\_\_        \_\_$162.49

16" X 18" Ped Housing with LED insert, Polycarbonate, yellow or black,
        Countdown type, drilled for clamshell mount     \_\_6\_\_        \_\_$168.87

Mounting Hardware – side of pole                        \_\_6\_\_        \_\_$60.94

Mounting Hardware – clamshell                         \_\_6\_\_        \_\_$51.70

## SOLAR 24 HOUR FLASHING BEACONS                 EACH

Self-Contained Unit (see attached specifications)

Solar Powered Stop Sign Beacon (Red) with 1-8" LED
        with 3-year replacement warranty on all components. \_\_1\_\_    \_$1,999.00

Solar Powered Stop Sign Beacon (Red) with 1-12" LED
        with 3-year replacement warranty on all components. \_\_1\_\_    \_$1,999.00

Solar Powered Stop Sign Beacon (Red) with 2-8" LED's
        with 3-year replacement warranty on all components. \_\_1\_\_    \_$2,999.00

Solar Powered Stop Sign Beacon (Red) with 2-12" LED's
        with 3-year replacement warranty on all components. \_\_1\_\_    \_$2,999.00

Solar Powered Warning Sign Beacon (Amber) with 1-8" LED
        with 3-year replacement warranty on all components. \_\_1\_\_    \_$1,999.00

Solar Powered Warning Sign Beacon (Amber) with 1-12" LED
        with 3-year replacement warranty on all components. \_\_1\_\_    \_$1,999.00

Solar Powered Warning Sign Beacon (Amber) with 2-8" LED's
        with 3-year replacement warranty on all components. \_\_1\_\_    \_$2,999.00

Solar Powered Warning Sign Beacon (Amber) with 2-12" LED's
        with 3-year replacement warranty on all components. \_\_1\_\_    \_$2,999.00

Non Self-Contained Unit (see attached specifications)

Solar Powered Stop Sign Beacon (Red) with 1-8" LED
        with 3-year replacement warranty on all components. \_\_7\_\_    \_$1,502.00

Solar Powered Stop Sign Beacon (Red) with 1-12" LED
        with 3-year replacement warranty on all components. \_\_4\_\_    \_$1,515.98

Solar Powered Stop Sign Beacon (Red) with 2-8" LED's
        with 3-year replacement warranty on all components. \_\_4\_\_    \_$1,981.63

Solar Powered Stop Sign Beacon (Red) with 2-12" LED's
        with 3-year replacement warranty on all components. \_\_4\_\_    \_$2,014.49

Solar Powered Warning Sign Beacon (Amber) with 1-8" LED
        with 3-year replacement warranty on all components. \_\_7\_\_    \_$1,502.00

Solar Powered Warning Sign Beacon (Amber) with 1-12" LED
        with 3-year replacement warranty on all components. \_\_4\_\_    \_$1,515.98

Solar Powered Warning Sign Beacon (Amber) with 2-8" LED's
        with 3-year replacement warranty on all components. \_\_4\_\_    \_$1,981.63

Solar Powered Warning Sign Beacon (Amber) with 2-12" LED's
        with 3-year replacement warranty on all components. \_\_4\_\_    \_$2,014.49

## SOLAR SCHOOL ZONE FLASHING BEACONS (see attached specification)

|  | | EACH |
|---|---|---|
| Solar Powered School Zone Warning Sign Beacon (Amber) with 1-8" LED with 3-year replacement warranty on all components. | __1__ | _$2,549.00 |
| Solar Powered School Zone Warning Sign Beacon (Amber) with 1-12" LED with 3-year replacement warranty on all components. | __1__ | _$2,549.00 |
| Solar Powered School Zone Warning Sign Beacon (Amber) with 2-12" LED's with 3-year replacement warranty on all components. | __1__ | _$3,225.00 |
| Solar Powered School Zone Warning Sign Beacon (Amber) with 2-8" LED's with 3-year replacement warranty on all components. | __1__ | _$3,225.00 |

## RADIO INTER-CONNECT SYSTEMS & EQUIPMENT (MUST BE COMPATIBLE WITH PAGES 1, 2, 3 and 4 CABINET ASSEMBLIES AND EXISTING MDOT RADIO SYSTEMS)

|  | | EACH |
|---|---|---|
| Radio Serial (900 MHZ) Interconnect System | | |
| Radio Interconnect Assembly (Spread Spectrum) | __1__ | _$1,699.00 |
| Radio with power supply | __1__ | _$1,202.00 |
| Yaggi Antenna | __1__ | ___$155.00 |
| Omni Antenna | __1__ | ___$241.00 |
| Lo Pro NP 9000, 850-950 MHz Antenna | __1__ | ___$149.00 |
| Radio Ethernet Interconnect System (see attached specs) | __1__ | _$1,502.00__ |

## RADAR DETECTION SYSTEMS & EQUIPMENT (MUST BE COMPATIBLE WITH PAGE 1, 2, 3 and 4 CABINET ASSEMBLIES)

|  | | EACH |
|---|---|---|
| Microwave Based Traffic Sensor Assembly (see attached spec) | __1__ | _$4,800.00 |
| | | |
| Individual items listed below must be compatible with above Assembly | | |
| Microwave Sensor | __1__ | _$4,215.00 |
| Mounting Bracket | __1__ | ___$143.00 |
| Two Output Single Input Interface Board | __1__ | ___$443.00 |
| Four Output Single Input Interface Board | __1__ | ___$443.00 |
| Four Output Double Input Interface Board | __1__ | ___$443.00 |
| | | |
| Radar Presence Detector (see attached spec) | __9__ | _$4,245.00 |
| Continuous Tracking Advance Detector (see attached spec) | __9__ | _$4,105.00 |
| Continuous Tracking Extended Range Advance Detector (see Attached spec) | __9__ | _$4,665.00 |
| Individual items listed below must be compatible with above Assemblies | | |
| Mounting Bracket | __9__ | ___$175.00 |
| 6 Conductor Cable | __9__ | ___$1.65/LF |
| Cable Junction Box | __9__ | ___$150.00 |
| Preassembled Backplate | __9__ | __$1,860.00 |

Multi Sensor Vehicle Detection System (see attached spec)  ___1___  _$7,647.00

Individual items listed below must be compatible with above Assembly
                Video Imaging Camera Sensor  ___1___  _$3,882.00
                Radar Sensor  ___1___  _$1,250.00
                Multi-Sensor Assembly  ___1___  _$1,875.00
                Sensor Data Combiner  ___1___  _$1,875.00
                Detection Processor  ___1___  _$3,765.00

## VIDEO DETECTION SYSTEMS & EQUIPMENT (MUST BE COMPATIBLE WITH PAGES 1, 2, 3 and 4  CABINET ASSEMBLIES) (see attached specification)

**(Vendors must bid on entire section and lowest cumulative bid wins entire section)**

                                        **EACH**

Video Detection System Items

Integrated sensor/processor Assembly
     (Camera, lens,  & housing)  _____  _____
Processor  _____  _____
Mounting hardware  _____  _____
Surge Interface Panel  _____  _____
Video Detection Cable  _____  _____
Video Power Cable  _____  _____
9" Color Video Display  _____  _____

## MISCELLANEOUS PRODUCTS (MUST BE COMPATIBLE IF USED WITH PAGES 1, 2 , 3 and 4 ASSEMBLIES)

                                          **EACH**

NEMA Controller Tester  ___1___  _$2,750.00
NEMA Monitor Tester (Automatic)  ___1___  $10,179.00
NEMA Load Switch compatible with low wattage LED signals  ___1___  ___$17.10
NEMA Flasher  ___1___  ___$17.15
Flash Transfer Relay  ___1___  ___$23.60
Flasher Cabinet Assembly, NEMA Type  ___1___  ___$260.00
Flasher Cabinet Assembly, NEMA Type with Solid State Time Clock _1___  ___$495.00
Traffic Solar Power Assembly to supply 80 watts for 14 hrs/day  ___4___  _$6,573.23
Pedestrian Pushbutton (see attached specification)  ___8__  ___$30.50
GPS Synchronization Clock (see attached specification)  ___4__  ___$275.00
LED Internally Illuminated Regulatory Sign (see attached specification) __1__ sq FT_$108.00
LED Internally Illuminated Street Name Sign (see attached specification) _1__ sq FT_$150.00
Two Conductor Shielded cable, 14 Gauge IMSA 50-2  ___5___ **per LF**___$0.288
Four Conductor Shielded cable, 14 Gauge IMSA 50-2  ___5___ **per LF**___$0.667
Four Conductor Stranded cable, 14 Gauge, IMSA 20-1  ___5___ **per LF**___$0.393
Five Conductor Stranded cable, 14 Gauge, IMSA 20-1  ___5___ **per LF**___$0.482
Seven Conductor Stranded cable, 14 Gauge, IMSA 20-1  ___5___ **per LF**___$0.665
#14 Stranded Loop Wire, IMSA 51-3 Type XHHW  ___5___ **per LF**___$0.108

**THE FOLLOWING ITEMS MUST BE COMPATIBLE WITH EXISTING MDOT PREMPTION SYSTEM: (See Attached Specifications)**

|  |  | EACH |
|---|---|---|
| Multimode Four Channel Phase Selector | 1 | $2,751.00 |
| Multimode Phase Selector Card Rack | 1 | $168.00 |
| Optical Detector, One Eye, One Channel | 1 | $426.00 |
| Optical Detector, Two Eye, One Channel | 1 | $484.00 |
| Optical Detector, Two Eye, Two Channel | 1 | $675.00 |
| OpticalVehicle Control Emitter – "High Range" w/Switch | 1 | $1,135.00 |
| OpticalVehicle Control Emitter - "Low Range" w/Switch | 1 | $1,135.00 |
| Optical Vehicle Control Emitter w/Range Control | 1 | $1,325.00 |
| Multimode Emitter | 1 | $3,500.00 |
| GPS Emitter | 1 | $3,000.00 |
| Radio/GPS Cable | 1 per LF | $0.60 |
| Optical Detector, Cable | 5 per LF | $0.26 |
| GPS Detector | 1 | $200.00 |

**VENDOR 1:**

BLAIR TEMPLE
TEMPLE, INC.
P.O. BOX 2066
DECATUR, AL 35602
(800) 633-3221

**VENDOR 2:**

**VENDOR 4:**

WILLIAM M. MARSHALL
ELECTROTECHNICS CORP.
1310 COMMERCE STREET
MARSHALL, TX 75672
(903) 938-1901

**VENDOR 5:**

STUART ZIEFF
TRAFFIC SIGNAL CABLE
333 JERICHO TURNPIKE,
STE 124
JERICHO, NY 11753
(516) 921-6725

**VENDOR 6:**

ELAINE DAVIS
TRASTAR, INC.
860 N. DOROTHY DRIVE,
STE 600
RICHARDSON, TX 75081-2770
(972) 480-0888

**VENDOR 7:**

CHIP PHILLIPS
K & K SYSTEMS
687 PALMETTO ROAD

TUPELO, MS 38801
(662) 566-2025

**VENDOR 8:**

JONI FEXER
TRAFFIC PARTS, INC.
P.O. BOX 837
SPRING, TX 77383
(800) 345-6329

**VENDOR 9:**

JACKIE JAMESON
TWINCREST INC., dba TWINCREST TECHNOLOGIES
P.O. BOX 757
MANSFIELD, TX 76063
(817) 539-2200

**VENDORS 1, 4, 5, 6, 7, 9: MDOT, GOVERNING AUTHORITIES & OTHER STATE AGENCIES**

**VENDOR 8: MDOT & OTHER GOVERNING AUTHORITIES**